

DOCKET NO.: VIA-018-CIP

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: **Brian C. Banister**

Office Action Confirmation No.: **8379**

Serial No.: **10/080,728**

Group Art Unit: **2611**

Filed: **February 22, 2002**

Examiner: **Burd, Kevin Michael**

For: **METHOD AND APPARATUS FOR IMPROVING TRANSMIT ANTENNA  
WEIGHT TRACKING USING CHANNEL CORRELATIONS IN A WIRELESS  
COMMUNICATION SYSTEM**

In accordance with 37 C.F.R. 1.8, I, Barbara S. Kelly, hereby certify that this correspondence and all its attachments are being deposited on Wednesday, January 24, 2007 with the U.S. Postal Service with sufficient postage as First Class mail in an envelope addressed to Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

*Barbara Kelly* 1/24/07  
Barbara S. Kelly

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

**AMENDMENT AFTER FINAL TRANSMITTAL LETTER**

Transmitted herewith is an Amendment After Final Office Action (in 16 pages) to a Final Office Action issued November 24, 2006, with regard to the above-identified application. Also enclosed:

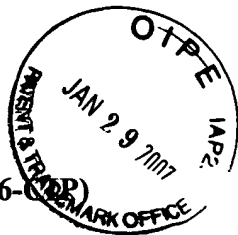
- (XX) Supplemental Information Disclosure Statement (1 pg.), including PTO/SB/08A/08B Forms (2 pgs.), and photocopies of six (6) cited references.
- (XX) The Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR 1.16 including fees for presentation of extra claims and additional patent application processing fees under 37 CFR 1.17 and under 37 CFR 1.20(d) to Deposit Account No. 50-0490.

Date: January 24, 2007

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VIA-018-CIP

(Formerly LSI-006-000P)



Submission Date: January 24, 2007

Response to Final Office Action of November 24, 2006

In re application of: **Brian Banister**

Confirmation No.: 8379

Serial No.: 10/080,728

Group Art Unit: 2611

Filed: February 22, 2002

Examiner: **Kevin M. Burd**

For: **Method and Apparatus for Improving Transmit Antenna Weight Tracking  
Using Channel Correlations in a Wireless Communication System**

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*Barbara Kelly* 1/24/07  
Barbara Kelly Date

**Mail Stop AF**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT AFTER FINAL OFFICE ACTION**

Dear Sir:

This paper responds to a Final Office Action dated November 24, 2006 ("the final Office Action"). Please amend the claims as indicated below, and consider the subsequent remarks.

**Amendments to the Claims** are reflected in the listing of claims beginning on page 2 of this paper.

**Remarks** begin on page 14 of this paper.